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REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)

VN418RI

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed in patent number 5.617.418, granted April 1, 1997, and for which a reissue patent is sought on the invention entitled Network Link Detection and Generation

the specification of which

☐ is attached hereto.

☒ was filed on April 1, 1999 as reissue application number 09 / 286,679
and was amended on 8/1/2000, 4/9/2001 and 5/2/2001
(If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.

☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.

☐ by reason of other errors.

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

by reason of claiming only the subject matter of claims 1-13, which is less than the full right to claim in the original application. Accordingly, new claims 14-52 were added. For example, comparing claim 14 to claim 1, claim 1 was a means plus function apparatus claim, claim 14 claims a method. Claim 1 includes a first means, coupled to said first source/sink, for placing a first signal onto said physical medium, said first signal indicating a first protocol capability of said first source/sink; claim 14 recites placing first data pulses onto the physical medium, timing characteristics and pattern of the first data pulses indicating a first protocol capability of the first source/sink. Claim 1 includes a second means, coupled to said second data source/sink, for receiving said first signal; claim 14 recites receiving the first data pulses in the second data source/sink. Claim 1 includes a third means, coupled to said second data source/sink, for transmitting a second signal onto said physical medium when said second data source/sink has said first protocol capability, said second signal comprising a plurality of pulses spaced-apart by a first time interval, and a third signal, different from said second signal, when said second data source/sink has a second protocol capability, said third signal comprising a plurality of pulses spaced-apart by a second time interval, different from said first time interval; claim 14 recites transmitting second data pulses onto the physical medium from the second data source/sink, wherein timing characteristics and pattern of the second data pulses indicate the first protocol capability when the second data source/sink has the first protocol capability, wherein timing characteristics and pattern of the second data pulses indicate a second protocol capability when the second data source/sink has the second protocol capability. Claim 1 includes a fourth means, coupled to said first data source/sink, for detecting whether said signal transmitted by said second means is said second signal or said third signal; claim 14 recites detecting whether the second pulses indicate the first protocol capability or the second protocol capability. Claim 1 includes a fifth means, coupled to said first data source/sink, for establishing communication with said second data source/sink using said first protocol if said fourth means detects said second signal and using said second protocol if said fourth means detects said third signal; claim 14 recites establishing communication with the second data source/sink using the first protocol if the second data pulses indicate the first protocol capability and using the second protocol if the second data pulses indicate the second protocol capability. Similar errors of claiming less than Applicant was entitled to claim can be seen from the subject matter of new claims 15-52, which include subject matter that Applicant was entitled to claim but did not in the original application.

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(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)

VN418RI

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.

Name(s)

Registration Number

Alan R. Loudermilk

32,788

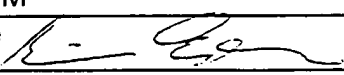
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| City | Cupertino | State | CA | Zip | 95014 |
| Country | USA | | | | |
| Telephone | 408-342-1866 | Fax | 408-342-1868 | | |
| I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed. | | | | | |
| Full name of sole or first inventor (given name, family name) RAMIN SHIRANI | | | | | |
| Inventor's signature | | | Date | | |
| Residence | | | Citizenship | | |
| Mailing Address | | | | | |
| Full name of second joint inventor (given name, family name) BRIAN C. EDEM | | | | | |
| Inventor's signature  | | | Date 7/29/02 | | |
| Residence 14020 Arcadia Palm | | | Citizenship US | | |
| Mailing Address Same Sargata CA 95070 | | | | | |
| Full name of third joint inventor (given name, family name) | | | | | |
| Inventor's signature | | | Date | | |
| Residence | | | Citizenship | | |
| Mailing Address | | | | | |
| <input type="checkbox"/> Additional joint inventors are named on separately numbered sheets attached hereto. | | | | | |

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REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)

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(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)

VN418R1

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.

Name(s)

Registration Number

Alan R. Loudermilk

32,788

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☐

Customer Number

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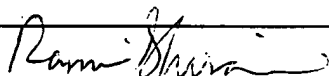
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| Telephone | 408-342-1866 | Fax | 408-342-1868 | | |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family name)

RAMIN SHIRANI

Inventor's signature



Date

9-3-02

Residence

15003 OSBORNE COURT
MORGAN HILL, CA 95037

Citizenship

U.S.

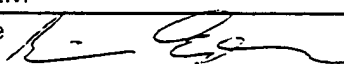
Mailing Address

SAME

Full name of second joint inventor (given name, family name)

BRIAN C. EDEM

Inventor's signature



Date

7/29/02

Residence

14020 Arcadia Palm

Citizenship

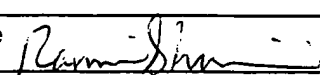
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Mailing Address

Same Santa Ana CA 92700

Full name of third joint inventor (given name, family name)

Inventor's signature



Date

Residence

Citizenship

Mailing Address

☐ Additional joint inventors are named on separately numbered sheets attached hereto.